National radio spectrum management

726. SHRI JAI PRAKASH NARAYAN SINGH : Will the Minister of COMMUNICATIONS AND INFORMATION TECHNOLOGY be pleased to state:

(a) whether Government with the help of World Bank would computerize the management of spectrum;

(b) if so, the details in this regard with the financial assistance being provided by World Bank; and

(c) to what extent the management of spectrum through National Radio Spectrum Management would help the telecom operators, defence forces and broadcasters?

THE MINISTER OF STATE IN THE MINISTRY OF COMMUNICATIONS AND INFORMATION TECHNOLOGY (SHRI JYOTIRADITYA MADHAVRAO SCINDIA): (a) and (b) The project "National Radio Spectrum Management & Monitoring System (NRSMMS)", for automation of process for RF Spectrum Management as well as upgradation of the radio monitoring facilities, has been implemented through a World Bank loan of about US$ 30 million.

(c) The automation of RF spectrum management has resulted in more effective and efficient spectrum management. Various types of applications are now being received online and processed through Automated Spectrum Management System (ASMS). This is helping all wireless users.

NH projects approved under PPP mode

†727.SHRI PYARELAL KHANDELWAL:
SHRI PRABHAT JHA:

Will the Minister of SHIPPING, ROAD TRANSPORT AND HIGHWAYS be pleased to state:

(a) whether it is a fact that Government has approved ten projects of National Highways to be completed on Public-Private Partnership (PPP);

(b) if so, the names of States to which these projects would be extended;

(c) the details of the cost of these projects, State-wise;

(d) the number of such projects approved by Government so far; and

(e) the updated status thereof and amount incurred thereon, State-wise?

THE MINISTER OF STATE IN THE MINISTRY OF SHIPPING, ROAD TRANSPORT AND HIGHWAYS (SHRI K.H. MUNIAPPA): (a) to (e) State wise details of Build, Operate and Transfer (BOT) projects and estimated costs thereof under various phases of National Highways Development Project (NHDP), as approved by the Government are enclosed as Statement-I *(See* below). The expenditure incurred so far in respect of projects in various States is enclosed as Statement-II (*See* below).

†Original notice of the question was received in Hindi.

Statement-I

Details of NH projects approved under PPP mode

BOT Projects

NHDP Phase I

S.No.	Station from to	NH No.	State Name	Present Status	Total Civil Cont. Cost
1	2	3	4	5	6
GQ					
1	Nellore - Tada (AP-7)	5	Andhra Pradesh	4 LANED	621.35
2	Tumkur - Neelmangala	4	Karnataka	4 LANED	155
3	Satara-Kagal	4	Maharashtra	4 LANED	600
4	ROB at Kishangarh	8	Rajasthan	4 LANED	18
5	Mahapura (near Jaipur) - Kishangarh (6 Lane)	8	Rajasthan	4 LANED	644
6	Vivekananda Bridge and Approach	2	West Bengal	4 LANED	641
Others					
7	Nandigama - Vijayawada	9	Andhra Pradesh	4 LANED	138.65
8	Durg Bypass	6	Chattisgarh	2 LANED	70
9	Delhi - Gurgaon Section (Access Controlled 8/6 Lane)	8	Delhi [9.7]/ Haryana [18]	8 LANED	710
NHDP Phase II					
EW					
1	Rajkot Bypass & Gondal Jetpur (Package- VII)	8B	Gujarat	4 LANED	388.09
2	Ghoshukur (km351of NH31) to Salsalabari (km 226 of NH 31C) *via* Fulbari-Mainagnri-Dhumpgiri - Falkata (3 Packages)	31, 31C	West Bengal	Under process for award	1200
NS					
3	Armur to Kadloor Yellareddy (NS-2/AP-1)	7	Andhra Pradesh	Under process for award	390.56
4	Farukhanagar to Kotakatta (NS-2/AP-4)	7	Andhra Pradesh	Under Implementation	302

1	2	3	4	5	6
5	Farukhanagar to Kottakata (NS-2/AP-3)	7	Andhra Pradesh	Under Implementation	255
6	Panipat Elevated Highway	1	Haryana	4 LANED	270
7	Six lanning of Vadakkancherry-Thrissure Section	47	Kerala	Under process for award	522
8	Thrissur to Angamali (KL-I)	47	Kerala	Under Implementation	312.5
9	Four lanning of Walayar-Vadakkancherry Section	47	Kerala	Under process for award	606
10	Four laning from MP/Maharashtra border to Nagpur I/C Kamptee Kanoon and Nagpur bypass	7	Maharashtra	Under process for award	0
11	Salem to Karur (NS-2/TN-2)	7	Tamil Nadu	Under Implementation	253.5
12	Salem to km 100 & Salem-Coimbatore - Kerala Border Section	47	Tamil Nadu	Under process for award	500
13	Salem to Kerala Border Section (TN-7)	47	Tamil Nadu	Under Implementation	379.8
14	Salem to Kerala Border Section (TN-6)	47	Tamil Nadu	Under Implementation	469.8
15	Karur to Madurai (TN-5)	7	Tamil Nadu	Under Implementation	283.5
16	Salem to Karur (NS-2/TN-3)	7	Tamil Nadu	Under Implementation	205.6
17	Krishnagiri to Thopurghat (NS-2/TN1)	7	Tamil Nadu	Under Implementation	372.7
18	Karur to Madurai (TN-4)	7	Tamil Nadu	Under Implementation	327.2
Others					
19	Tindivanam - Ulundurpet (Pkg -VI-A)	45	Tamil Nadu	Under Implementation	480
20	Padalur - Trichy (Pkg - VI-C)	45	Tamil Nadu	Under Implementation	320
21	Ulundurpet - Padalur (Pkg- VI-B)	45	Tamil Nadu	Under Implementation	460

1	2	3	4	5	6
NHDP Phase III					
NHDP Phase III A					
1	Hyderabad-Vijayawada (km 40 to 160)	9	Andhra Pradesh	Under process for award	
2	Hyderabad- Vijayawada & Vijayawada-Machhlipatnam	9	Andhra Pradesh	Under process for award	
3	Patna - Bakhtiarpur	30	Bihar	Under process for award	347
4	Patna- Muzzaffarpur	19 & 77	Bihar	Under process for award	
5	Patna-Gaya-Dobhi	83	Bihar	Under process for award	
6	End of Durg Bypass-Chhattisgarh / Maharashtra Border	6	Chhattisgarh	Under Implementation	464
7	Aurang - Raipur	6	Chhattisgarh	Under Implementation	190
8	Delhi - Hissar (Delhi Portion)	10	Delhi	Under process for award	
9	Kandla - Mundra Port	8A	Gujarat	Under process for award	
10	Surat Hazira Port	6	Gujarat	Under process for award	
11	Panchkula-Barwala-Saha-Yamuna Nagar upto UP Border	73	Haryana	Under process for award	
12	Rohtak-Bawal	71	Haryana	Under process for award	
13	Delhi/Haryana Border to Rohtak	10	Haryana	Under Implementation	486
14	Panipat - Rohtak	71A	Haryana	Under process for award	
15	Rohtak - Hissar	10	Haryana	Under process for award	
16	Zirakpur - Parwanoo	22	Haryana[20]/ Himanchal Pradesh[6.69]/ Punjab[2]	Under Implementation	295

1	2	3	4	5	6
17	Ambala - Zirakpur	21, 22	Haryana[6]/ Punjab [30]	Under Implementation	298
18	Parwanoo - Shimla	22	Himanchal Pradesh	Under process for award	
19	Hazaribagh-Ranchi	33	Jharkhand	Under process for award	318
20	Belgaum-KNT/Goa Border	4A	Karnataka	Under process for award	
21	Mangalore-KNT/Kerala border	17	Karnataka	Under process for award	
22	Kundapur-Surathkal	17	Karnataka	Under process for award	
23	Neelamangala-Hassan	48	Karnataka	Under process for award	
24	Neelamangala Junction on NH 4 with NH 48 to Devihalli	48	Karnataka	Under Implementation	441
25	Elevated Highway from Silk board junction to electronic city junction	7	Karnataka	Under Implementation	450
26	Banglore-Hoskote-Mudbagal Section	4	Karnataka	Under Implementation	565
27	Banglore - Neelamangala	4	Karnataka	Under Implementation	445
28	Mulbagal - Karnataka / AP border	4	Karnataka	Under process for award	
29	Bijapur - Hospet	13	Karnataka	Under process for award	
30	Charthalai - Pallakad - Thiruvananthapuram	47	Kerala	Under process for award	
31	Trivendrum-Kerala/TN Border	47	Kerala	Under process for award	
32	Guna Bypass	3	Madhya Pradesh	4 LANED	46
33	Indore-Khalghat	3	Madhya Pradesh	Under Implementation	472
34	Khalghat - MP/Maharashtra Border	3	Madhya Pradesh	Under Implementation	549
35	Rajmarg Crossing - Jabalpur	12	Madhya Pradesh	Under process for award	

1	2	3	4	5	6
36	Bareli - Rajmarg Crossing	12	Madhya Pradesh	Under process for award	
37	Bhopal - Bareli	12	Madhya Pradesh	Under process for award	
38	Gonde-Vadape (Thane)	3	Maharashtra	Under Implementation	579
39	Chhattisgarh / Maharashtra Border - Wainganga Bridge	6	Maharashtra	Under Implementation	424
40	Solapur - Maharashtra/ Karnatka Border	13	Maharashtra	Under process for award	
41	Kondhali - Telegaon	6	Maharashtra	Under Implementation	212
42	Pimpalgaon - Nasik - Gonde	3	Maharashtra	Under process for award	
43	Pune-Khed	50	Maharashtra	4 LANED	127.6
44	MP/Maharashtra Border-Dhule	3	Maharashtra	Under process for award	
45	Nagpur - Kondhali	6	Maharashtra	Under Implementation	168
46	Nagpur- Wainganga Bridge	6	Maharashtra	Under process for award	
47	Dhule - Pimpalgaon	3	Maharashtra	Under Implementation	556
48	Rimoli - Roxy - Rajamunda	215	Orissa	Under process for award	
49	Chandikhole-Duburi	200	Orissa	Under process for award	
50	Bhubaneswar-Puri	203	Orissa	Under process for award	
51	Duburi - Talchar	200	Orissa	Under process for award	
52	Panikholi-Keonjhar- Rimoli	215	Orissa	Under process for award	
53	Chandigarh - Kurali	21	Punjab	Under process for award	
54	Kurali - Kiratpur	21	Punjab	Under Implementation	309

1	2	3	4	5	6
55	Jalandhar - Amritsar	1	Punjab	Under Implementation	263
56	Amritsar - Pathankot	15	Punjab	Under process for award	
57	Jaipur-Reengus	11	Rajasthan	Under process for award	
58	Deoli - Kota - Jhalawar	12	Rajasthan	Under process for award	
59	Mahua-Jaipur	11	Rajasthan	Under Implementation	483
60	Bharatpur-Mahua	11	Rajasthan	Under Implementation	250
61	Jaipur-Tonk - Deoli	12	Rajasthan	Under process for award	
62	Reengus - Sikar	11	Rajasthan	Under process for award	
63	UP/Rajasthan Border - Bharatpur	11	Rajasthan	Under process for award	
64	Salem-Ulundrupet (BOT-I/TN-06	68	Tamil Nadu	Under Implementation	941
65	Pondicherry - Tindivanam	66	Tamil Nadu	Under Implementation	285
66	Kerala/TN Border - Kanyakumari	47	Tamil Nadu	Under process for award	
67	Karaikudi - Ramanathapuram	210	Tamil Nadu	Under process for award	
68	Krishnagiri-Tindivanam	66	Tamil Nadu	Under process for award	
69	Trichy - Karur	67	Tamil Nadu	Under Implementation	516
70	Madurai-Arupukottai-Tuticorin	45B	Tamil Nadu	Under Implementation	629
71	Nagapatanam-Thanjarur	67	Tamil Nadu	Under process for award	
72	Trichy - Karaikudi	210	Tamil Nadu	Under process for award	
73	Trichy - Dindigul	45	Tamil Nadu	Under Implementation	576

1	2	3	4	5	6
74	Thanjarur - Trichy	67	Tamil Nadu	Under Implementation	280
75	Tirupati -Tiruthani - Chennai	205	Tamil Nadu [81.5]/Andhra Pradesh [44]	Under process for award	
76	Meerut-Muzaffarnagar	58	Uttar Pradesh	Under Implementation	359
77	Sitapur - Lucknow	24	Uttar Pradesh	Under Implementation	322
78	Delhi/UP Border to Meerut	58	Uttar Pradesh	Under process for award	
79	Muzaffarnagar - Haridwar	58, 72	Uttar Pradesh [21]/Uttaranchal [56]	Under process for award	
80	Agra - Bharatpur	11	Uttar Pradesh [24.75]/ Rajasthan [20.25]	Under Implementation	195
81	Haridwar - Dehradun	72	Uttaranchal	Under process for award	
82	Barasat - Bangaon	35	West Bengal	Under process for award	
NHDP Phase IIIB					
83	Cuddapah-Mydukur-Kurnool	18	Andhra Pradesh	Under process for award	
84	Itanagar-Arunachal Pradesh/ Assam Border	52A	Arunachal Pradesh	Under process for award	
85	Doboka-Assam/Nagaland Border	36	Assam	Under process for award	
86	Assam/Meghalaya Border - Assam/Tripura Border	44	Assam	Under process for award	
87	Banderdewa - Assam/ AP Border	52A	Assam	Under process for award	
88	Baihata Chariali- Banderdewa	52	Assam	Under process for award	
89	Silchar - Assam/Mizoram Border	54	Assam	Under process for award	
90	Mothari-Raxaul	28A	Bihar	Under process for award	

1	2	3	4	5	6
91	Patna-Buxar	84	Bihar	Under process for award	
92	Gopalganj-Chappra-Hajipur	85, 19	Bihar	Under process for award	
93	Forbesganj-Jogwani	57A	Bihar	Under process for award	
94	Bakhtiarpur-Begusarau-Khagaria - Purnea	31	Bihar	Under process for award	
95	Mokama-Munger	80	Bihar	Under process for award	
96	Muzaffarpur - Sonbarsa	77	Bihar	Under process for award	
97	Kurnud-Dhamtari	43	Chhattisgarh	Under process for award	
98	Raipur-Simga	200	Chhattisgarh	Under process for award	
99	Up to Delhi/UP Border	1 & 24	Delhi	Under process for award	
100	Panji-Goa/Karnatka Border	4A	Goa	Under process for award	
101	Maharashtra/Goa Border - Panaji Goa/KNT Border	17	Goa	Under process for award	
102	Gujarat/Maharashtra Border-Surat	6	Gujarat	Under process for award	
103	Gujarat/MP Border - Ahmedabad	59	Gujarat	Under process for award	
104	Jetpur-Somnath	8D	Gujarat	Under process for award	
105	Rohtak-Jind	71	Haryana	Under process for award	
106	Ambala-Kaithal	65	Haryana	Under process for award	
107	Ranchi - Rargaon	33	Jharkhand	Under process for award	
108	Rargaon - Jamshedpur	34	Jharkhand	Under process for award	
109	Barhi - Hazaribagh	33	Jharkhand	Under process for award	

1	2	3	4	5	6
110	KNT/Kerala Border-Khozikode-Eddapally	17	Kerala	Under process for award	
111	Jhansi-Khajuraho	75	Madhya Pradesh	Under process for award	
112	Indore-Jhabua-Gujarat/MP	59	Madhya Pradesh	Under process for award	
113	Obaidullaganj-Bheembetka	69	Madhya Pradesh	Under process for award	
114	Bhopal-Sanchi	86 Ex	Madhya Pradesh	Under process for award	
115	Pune-Sholapur	9	Maharashtra	Under process for award	
116	Talegaon-Amravati	6	Maharashtra	Under process for award	
117	Panvel-Indapur	17	Maharashtra	Under process for award	
118	Kalamboli-Mumbra (6 laning)	4	Maharashtra	Under process for award	
119	Nagaland /Manipur Border - Imphal	39	Manipur	Under process for award	
120	Jowai - Assam/Meghalaya Border	44	Meghalaya	Under process for award	
121	Shillong (Excluding Shillong By Pass) - Jowai	44	Meghalaya	Under process for award	
122	Assam Mizoram Border to Aizawl	54	Mizoram	Under process for award	
123	Kohima-Nagaland/Manipur Border	39	Nagaland	Under process for award	
124	Sambalpur-Baragarh-Chhattisgarh/Orrisa Border	6	Orissa	Under process for award	
125	Pondicherry - TN/Pondicherry Border	66	Pondichery	Under process for award	
126	Ludhiana- Talwandi	95	Punjab	Under process for award	
127	Kishangarh-Ajmer-Beawar	8	Rajasthan	Under process for award	
128	Beawar-Pali-Pindwara	14	Rajasthan	Under process for award	

1	2	3	4	5	6
129	Theni-Kumili	220	Tamil Nadu	Under process for award	
130	Coimbatore-Mettupalayam	67 Ex	Tamil Nadu	Under process for award	
131	Madurai-Ramnathpuram-Rameshwaram-Dhanuskodi	49	Tamil Nadu	Under process for award	
132	Dindigul-Perigulam-Theni	45 Ext	Tamil Nadu	Under process for award	
133	Bareily - Sitapur	24	Uttar Pradesh	Under process for award	
134	Muradabad-Bareily	24	Uttar Pradesh	Under process for award	
135	Ghaziabad-Aligarh	91	Uttar Pradesh	Under process for award	
136	Rampur - Kathgodam	87	Uttaranchal	Under process for award	
137	Kolkata-Dalkola	34	West Bengal	Under process for award	
138	Hyderabad- Yadgiri	202	Andhra Pradesh	Under process for award	
NHDP Phase V					
1	Chilkaluripet - Vijayawada (Six lane)	5	Andhra Pradesh	Under Implementation	572.3
2	Bharuch to Surat Package BOT-II (Six lane)	8	Gujarat	Under Implementation	492
3	Vadodara to Bharuch Package BOT-1 (Six lane)	8	Gujarat	Under Implementation	660
4	Surat - Dahisar (Six lane)	8	Gujarat [118.2]/ Maharashtra [120.77]	Under Implementation	1405.57
	5 Panipat - Jalandhar (Six lane) Under	2288		1	Haryana [116]/ Punjab [175.1] Implementation
6	Gurgaon - Kotputli - Jaipur (Six lane)	8	Haryana [64.3]/ Rajasthan [161.3]	Under Imple-mentation	1673.7
7	Chennai - Tada (Six lane)	5	Tamil Nadu	Under Implementation	353.37

1	2	3	4	5	6
Annuity Projects					
NHDP Phase I					
GQ					
1	Ankapalli - Tuni	5	Andhra Pradesh	4 LANED	283.2
2	Tuni-Dharmavaram (AP-16)	5	Andhra Pradesh	4 LANED	231.9
3	Dharmavaram - Rajahmundry (AP-15)	5	Andhra Pradesh	4 LANED	206
4	Nellore Bypass	5	Andhra Pradesh	4 LANED	143.2
5	Maharastra Border-Belgaum	4	Karnataka	4 LANED	332
6	Palsit - Dankuni	2	West Bengal	4 LANED	432.4
7	Panagarh - Palsit	2	West Bengal	4 LANED	350
Others					
8	Tambaram - Tindivanam	45	Tamil Nadu	4 LANED	375
NHDP Phase II					
EW					
1	Kosi Bridge including approaches and Guide Bond & Afflux Bond (BR-5)	57	Bihar	Under Implementation	418.04
2	Palanpur to Swaroopganj (Rajasthan -42 km & Gujarat-34 km)	14	Rajasthan [42]/ Gujarat [34]	Under Implementation	498
3	Bara to Orai	2, 25	Uttar Pradesh	Under Implementation	465
4	Gorakhpur Bypass	28	Uttar Pradesh	Under Implementation	600.24
NS					
5	Kadal to Armur (NS-2/BOT/AP-8)	7	Andhra Pradesh	Under Implementation	271.73
6	Hyderabad Bangalore section (NS-2/BOT/AP-5)	7	Andhra Pradesh	Under Implementation	592
7	Kadloor Yellareddy to Gundla Pochampalli (NS-2/BOT/AP-2)	7	Andhra Pradesh	Under Implementation	490
8	Islam Nagar to Kadtal (NS-2/BOT/AP-7)	7	Andhra Pradesh	Under Implementation	546.83

1	2	3	4	5	6
9	MH/AP border to Islam Nagar (NS-2/BOT/AP-6)	7	Andhra Pradesh	Under Implementation	360.42
10	AP/Karnatka border- Nandi Hill crossing & Devenhalli to Meenu Kunte Village	7	Karnataka	Under Implementation	402.8
11	Lakhnadon to MP/MH Border (NS-I/BOT/MP-2)	7	Madhya Pradesh	Under Implementation	263.17
12	Lakhnadon to MP/MH Border (NS-I/BOT/MP-3)	7	Madhya Pradesh	Under Implementation	407.6
13	Gwalior Bypass (NS-1/BOT/MP-I)	75, 3	Madhya Pradesh	Under Implementation	300.93
14	Gwalior - Jhansi	75	Madhya Pradesh [68.5]/ Uttar Pradesh [11.5]	Under Implementation	604
15	Jhansi to Lalitpur (NS-I/BOT/UP-2)	25, 26	Uttar Pradesh	Under Implementation	355.06
16	Jhansi to Lalitpur (NS-I/BOT/UP-3)	26	Uttar Pradesh	Under Implementation	276.09
Others					
17	Jallandhar - Amritsar	1	Punjab	Under process for award	
NHDP Phase III					
1	Amritsar - Wagha border	1	Punjab	Under Implementation	205.88

Statement-II

NH projects approved under PPP mode

Sl.No.	Name of the project	State	Total Project Expenditure
1	2	3	4
NHDP Phase I			
1	Belgaum-Maharastra Border (Pkg-IV)	Kamataka	741.26
2	Tambaram-Tindivanam (BOT/ANNUITY)	Tamil Nadu	434.26
3	Rajahmundry-Dharmavaram AP-15 Km 200-254 BOT[A]-I	Andhra Pradesh	301.93
4	Dharmavaram-Tuni AP-16 Km 254-300 BOT [A]-II	Andhra Pradesh	269.83
5	Tuni-Ankapalli Km 300-359 BOT [A]-III	Andhra Pradesh	252.07

1	2	3	4
6	Nellore bypass	Andhra Pradesh	231.55
7	Panagarh-Palsit	West Bengal	644.14
8	Palsit-Dankuni Durgapur Expressway	West Bengal	453.04
NHDP Phase II			
1	Bara - Orai (Km. 449 to Km. 422 on NH-2 & Km. 255 to 220)	Uttar Pradesh	20.55
2	Pindwara - Palanpur (Km. 264.00-340.00 of NH 14)	Gujarat 34/Raj.42	79.31
3	Armur - Kalkallu Village (AP-2)	Andhra Pradesh	577.63
4	Kottakata - Kurnool (AP-5) Km. 135.740-211.000	Andhra Pradesh	621.45
5	MH/AP Border to Islam Nagar (Ns-2/BOT/AP-6) Km. 175/0 to Km. 230/10	Andhra Pradesh	135.29
6	Islam Nagar to Kadtal (NS-2/BOT/ AP-7) Km. 230.00 to Km. 278.00	Andhra Pradesh	102.15
7	Kadtal to Armur (NS-2/BOT/AP-8) Km. 278/0 to Km. 308/0	Andhra Pradesh	127.02
8	Kosi Bridge & Approaches on NH-57 in Bihar (Km 165.00 to 155.00) (BR-5)	Bihar	121.03
9	Gorakhpur Bypass (Km. 251.70-279.80)	Uttar Pradesh	283.23
10	NS-I/BOT/MP-UP/Gwalior-Jhansi (Km.16-Km.96.127 of NH-75)	MP68.5/UP11.5	91.64
11	NS-1/BOT/MP-1/Gwalior Bypass (Km.103 of NH-3 to Km. 16 of NH-75)	Uttar Pradesh	57.10
12	Jhansi-Lalitpur(Km.0-49.79 of NH-25, 26) in UP NS-I/BOT/UP-2	Uttar Pradesh	158.69
13	Jhansi-Lalitpur(Km.49.79-99.00 of NH-26) in UP NS-I/BOT/UP-3	Uttar Pradesh	123.65
14	Lakhnadon - MP/MH Border (Km.547.4-596.75 of NH-7) in MP NS-I/BOT/MP-2	Madhya Pradesh	143.53
15	Lakhnadon - MP/MH Border (Km.596.75 - 653.225 of NH-7) in MP NS-I/BOT/MP-3	Madhya Pradesh	84.91
16	AP/Karnataka Border -Nandi Hill crossing & Devenhalli to Meenu Kunte Village (Km.463. 60-527 & Km. 535 - 539 of NH-7 in Karnataka) (Avathi village) (KNT-1)	Karnataka	299.59

1	2	3	4
NHDP Phase III			
1	Amritsar - Wagah Border Section of NH-1 from km. 455.400 to km 491.620	Punjab	13.82

Sl. No.	Name of the project	NHDP Phase	State	Total Project Exp.
1	2	3	4	5
1	Tada-Nellore(Pkg.AP-7&8) on GQ	I	Andhra Pradesh	631.15
2	Nandigama - Ibrahimpuram (Km.217-252 of NH-9)	I	Andhra Pradesh	147.79
3	Durg Bypass on NH-6	I	Chhattisgarh	70.00
4	Delhi-Gurgaon (Access controlled 8/6 Lane)	I	Delhi-9.7/Haryana-18	741.09
5	Nelamangla - Tumkur (BOT)	I	Karnataka	259.56
6	Satara-Karnataka Border (Kagal)	I	Maharashtra	618.33
7	Jaipur-Kishangarh	I	Rajasthan	671.73
8	ROB Kishangarh	I	Rajasthan	18.86
9	Vivekananda Bridge (2nd)	I	West Bengal	628.26
1	Farukhanagar - Kottakata (AP-3) Km. 34.100-80.000	II	Andhra Pradesh	293.92
2	Farukhanagar - Kottakata (AP-4) Km. 80.000-135.740	II	Andhra Pradesh	314.42
3	Gondal - Jetpur (Km. 117-143.3) & Rajkot Bypass (Km.175-185) on NH-8B in Gujarat, Pkg-VII	II	Gujarat	328.20
4	Panipat Elevated Highway Project (Km. 86-96 on NH-1)	II	Haryana	420.32
5	Trishur-Angamali (Km.270-316.70 of NH-47) KL-1	II	Kerala	354.58
6	Krishnagiri-Thoppurghat (Km.94-156 of NH-7) TN-1	II	Tamil Nadu	457.32
7	Salem-Karur (Trichy-Karur) Km.207.05-248.62 of NH-7) TN-2	II	Tamil Nadu	270.16
8	Salem-Karur (Namakkal-Karur) (Km.258.65-292-60 of NH-7) TN-3	II	Tamil Nadu	190.45
9	Karur - Madurai (Karur - Dindigul) (Km.292.60-373.725 of NH-7) TN-4	II	Tamil Nadu	258.98

1	2	3	4	5
10	Karur-Madurai (Dindigul - Samayanallur) (Km.373.27-426.60 of NH-7) TN-5	II	Tamil Nadu	253.88
11	Salem - Kerala Border (Km.0-53 of NH-47) TN-6	II	Tamil Nadu	322.04
12	Salem -Kerala Border (Km.53- 100 of NH-47) TN-7	II	Tamil Nadu	248.10
13	Tindivanam - Ulundurpet (Package - VI A) Km. 21-Km. 192.25	II	Tamil Nadu	691.79
14	Ulundurpet - Padalur (Package - VI B) Km. 192.25-Km. 285	II	Tamil Nadu	587.18
15	Padalur-Trichy (Package -VI C) Km 285-Km. 325	II	Tamil Nadu	343.15
1	Raipur - Aurang	III	Chhattisgarh	114.63
2	End of Durg Bypass-Chhattisgarh/ Maharashtra Border	III	Chhattisgarh	0.01
3	Delhi / Haryana Border to Rohtak on NH-10	III	Haryana	43.73
4	Bangalore-Hoskote-Mudbgal Section Km 237.700 to Km 318.000 on NH-4	III	Karnataka	253.02
5	Bangalore-Neelmangla on NH-4 (Km. 10/00 to Km. 29/50)	III	Karnataka	184.95
6	Neelmangla - Devihalli Section (Pkg-I) Km. 28/200 to Km. 110/000 on NH-48 (Neelmangla-Hassan)	III	Karnataka	182.11
7	Bangalore Elevated Highway Silkboard to Electronic City (Km.8.765-18.75 on NH-7)	III	Karnataka	683.27
8	Guna Bypass (Km 319.700- Km 332.100 on NH-3)	III	Madhya Pradesh	67.67
9	Indore-Khalghat (Km. 12.600 - Km. 84.700 on NH -3)	III	Madhya Pradesh	355.67
10	Khalghat - MP/MH Border	III	Madhya Pradesh	-
11	Vadape - Gonde	III	Maharashtra	362.00
12	Pimpalgaon - Dhule	III	Maharashtra	445.00
13	Kondhali - Telegaon	III	Maharashtra	324.12

1	2	3	4	5
14	Chhattisgarh/Maharashtra Border Wainganga Bridge	III	Maharashtra	33.31
15	Nagpur - Kondhali	III	Maharashtra	210.26
16	Zirakpur-Parwanoo (NH-22)	III	Punjab 2/Haryana 20/H.P.6.69	45.34
17	Ambala - Chandigarh (Zeerakpur)	III	Punjab	364.62
18	Jalandhar - Amritsar (Km. 407.100 to Km. 456.100) on NH-1	III	Punjab	193.34
19	Kurali-Kiratpur	III	Punjab	88.29
21	Mahua- Jaipur	III	Rajasthan	568.24
22	Bharatpur - Mahua	III	Rajasthan	335.75
23	Madurai-Arupukottai-Tuticorin (Km. 138.8-Km. 264.5) TN-14	III	Tamil Nadu	319.06
24	Trichy - Karur on NH-67	III	Tamil Nadu	0.22
25	Trichy - Dindigul on NH-45	III	Tamil Nadu	1.73
26	Pondicherry - Tindivanam on NH-66	III	Tamil Nadu	0.88
27	Salem -Ulundrupet (BOT-I/TN-06) Km. 0.313 to Km. 136.670 on NH-68	III	Tamil Nadu	10.88
28	4 laning of Km. 80.000 to Km. 135.750 of Thanjavur - Trichy Section of NH-67 in the State of Tamil Nadu	III	Tamil Nadu	200.11
29	Meerut - Muzaffarnagar	III	Uttar Pradesh	291.03
30	Agra -Bharatpur (Jaipur) UP/ Rajasthan Border	III	Uttar Pradesh	190.61
31	Sitapur - Lucknow	III	Uttar Pradesh	73.12
1	Chilkaluripet-Vijaywada - Six Lane (Km.355 to Km. 434.15) on NH - 5	V	Andhra Pradesh	-
2	Surat - Dahisar - Six Lane (Km.263.00 to Km. 502.00) on NH- 8	V	Gujarat 118.20/ Maharashtra 120.77	-
3	Vadodara to Bharuch Package BOT-I	V	Gujarat	449.15
4	Bharuch to Surat Package BOT-II	V	Gujarat	389.09
5	Panipat - Jalandhar - Six Lane (Km. 96.00 to Km. 387.10) on NH-I	V	Haryana 116.00/ Punjab 175.10	-

1	2	3	4	5
6	Gurgaon - Kotputli - Jaipur - Six Lane (Km. 42.70 to Km. 273.00) on NH-8	V	Haryana 64.30/ Rajasthan 161.30	-
7	Chennai Tada - Six Lane (Km. 11.00 to Km. 54.40) on NH - 5	V	Tamil Nadu	-

NHDP - National Highways Development Project
BOT - Build, Operate and Transfer

Four-lanning of NH-215

728. SHRI RAMA CHANDRA KHUNTIA: Will the Minister of SHIPPING, ROAD TRANSPORT AND HIGHWAYS be pleased to state:

(a) whether the construction of Golden Quadrilateral, East-West and North-South Corridor works has already been completed;

(b) if not, the reasons therefor; and

(c) whether Government has an action plan to complete four-lane work of National Highway-215 origination from Panikoeli to Rajamunda in Orissa?

THE MINISTER OF STATE IN THE MINISTRY OF SHIPPING, ROAD TRANSPORT AND HIGHWAYS (SHRI K.H. MUNIAPPA): (a) and (b) Out of a total length of 5,846 kms four-laning has been completed for 5,698 kms of Golden Quadrilateral (GQ). Out of total length of 7,142 kms of North-South and East-West corridors, four-laning has been completed for 2,838 kms. There have been some delays in the completion of some contracts under GQ due to poor performance of contractors. The delay in the North-South and East-West Corridor is attributable to problems associated with land acquisition, delay in shifting of utilities, delay in obtaining clearances for cutting of trees, and adverse law and order problems in some States.

(c) Four-laning work of entire NH-215 in the Orissa State has been identified under the National Highways Development Project (NHDP) Phase-III. The Request For Qualification (RFQ) applications for the project of four laning of NH-215 from Panikoilli-Rimuli (166.17 km) and Rimuli-Roxy-Rajamunda (96.45 km) have been evaluated. Request For Proposals (RFP) have also been issued to the short listed bidders for award of the project on Build, Operate and Transfer (Toll) basis.

Maritime university in Gujarat

729. SHRI KANJIBHAI PATEL: Will the Minister of SHIPPING, ROAD TRANSPORT AND HIGHWAYS be pleased to state:

(a) the number of Maritime Universities in India;

(b) the status of setting up of Maritime University in Gujarat; and

(c) the reasons for not establishing a Maritime University in Gujarat in spite of its long coastline and huge Maritime development taking place?

THE MINISTER OF SHIPPING, ROAD TRANSPORT AND HIGHWAYS (SHRI T.R. BAALU): (a) to (c) There is only one such deemed University.